Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111410.D
Acq On : 14 Dec 2018 11:07
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
12/17/2018 2:36:08 PM

Quant Time: Dec 14 12:05:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 11:42:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	215740	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	933077	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	452247	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	797196	20.00	ng		0.00
76) Chrysene-d12	13.95	240	596478	20.00	ng		0.00
87) Perylene-d12	15.39	264	458220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1038391	81.39	ng		0.00
7) Phenol-d6	6.44	99	1336049	77.67	ng		0.00
23) Nitrobenzene-d5	7.36	82	1266317	76.49	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	315729	79.20	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2229292	79.14	ng		0.00
79) Terphenyl-d14	12.90	244	1958366	72.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	257886	40.468	ng		98
3) Pyridine	3.23	79	647228	41.343	ng		96
4) n-Nitrosodimethylamine	3.17	42	304229	41.658	ng		95
6) Aniline	6.46	93	831173	39.942	ng	#	62
8) 2-Chlorophenol	6.59	128	615414	39.246	ng		93
9) Benzaldehyde	6.34	77	388824	36.322	ng		98
10) Phenol	6.45	94	750455	38.514	ng	#	73
11) bis(2-Chloroethyl)ether	6.53	93	589022	38.425	ng		98
12) 1,3-Dichlorobenzene	6.73	146	660129	38.887	ng		98
13) 1,4-Dichlorobenzene	6.81	146	676849	39.387	ng		98
14) 1,2-Dichlorobenzene	6.97	146	635380	39.966	ng		98
15) Benzyl Alcohol	6.94	79	515766	39.158	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1151649	38.779	ng		100
17) 2-Methylphenol	7.06	107	485839	38.343	ng		97
18) Hexachloroethane	7.31	117	246652	38.661	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	435627	38.112	ng		98
20) 3+4-Methylphenols	7.21	107	603714	39.952	ng	#	88
22) Acetophenone	7.20	105	834595	38.507	ng		93
24) Nitrobenzene	7.37	77	640559	37.565	ng		100
25) Isophorone	7.62	82	1047320	37.244	ng		99
26) 2-Nitrophenol	7.69	139	338482	40.384	ng		97
27) 2,4-Dimethylphenol	7.74	122	483149	37.974	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	720551	37.332	ng		97
29) 2,4-Dichlorophenol	7.94	162	506970	38.198	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	518066	37.989	ng		97
31) Naphthalene	8.10	128	1692469	38.932	ng		97
32) Benzoic acid	7.87	122	425427m	40.223	ng		
33) 4-Chloroaniline	8.15	127	742341	39.984	ng		99
34) Hexachlorobutadiene	8.22	225	294146	38.880	ng		98
35) Caprolactam	8.53	113	187911m	40.405	ng		
36) 4-Chloro-3-methylphenol	8.64	107	544494	38.498	ng		98
37) 2-Methylnaphthalene	8.79	142	1102693	39.239	ng		99
38) 1-Methylnaphthalene	8.89	142	1062383	39.169	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	478986	37.679	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	261367	39.375	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	340442	37.416	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	365270	37.986	ng	97
46) 1,1'-Biphenyl	9.26	154	1474268	38.207	ng	95
47) 2-Chloronaphthalene	9.28	162	1119554	37.885	ng	96
48) 2-Nitroaniline	9.37	65	365885	38.102	ng	96
49) Acenaphthylene	9.69	152	1664049	38.543	ng	96
50) Dimethylphthalate	9.56	163	1250580	38.454	ng	99
51) 2,6-Dinitrotoluene	9.62	165	282400	39.174	ng	88
52) Acenaphthene	9.87	154	1043545	38.321	ng	98
53) 3-Nitroaniline	9.79	138	341944	39.463	ng	96
54) 2,4-Dinitrophenol	9.89	184	108516	38.369	ng	94
55) Dibenzofuran	10.04	168	1514580	38.527	ng	97
56) 4-Nitrophenol	9.96	139	252554	40.474	ng	88
57) 2,4-Dinitrotoluene	10.02	165	376679	40.770	ng	95
58) Fluorene	10.38	166	1087452	38.669	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	279437	37.617	ng	99
60) Diethylphthalate	10.26	149	1261834	38.540	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	542881	38.940	ng	97
62) 4-Nitroaniline	10.40	138	344737	41.392	ng	97
63) Azobenzene	10.53	77	1239732	37.554	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	177165	38.710	ng	96
66) n-Nitrosodiphenylamine	10.49	169	1059329	37.356	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	333462	37.574	ng	97
68) Hexachlorobenzene	10.93	284	343735	37.614	ng	98
69) Atrazine	11.02	200	315325	38.446	ng	96
70) Pentachlorophenol	11.12	266	215980	35.515	ng	98
71) Phenanthrene	11.34	178	1581358	38.378	ng	95
72) Anthracene	11.39	178	1625435	38.741	ng	95
73) Carbazole	11.54	167	1680657	38.740	ng	96
74) Di-n-butylphthalate	11.88	149	1914190	38.752	ng	96
75) Fluoranthene	12.53	202	1595690	39.668	ng	98
77) Benzidine	12.64	184	796541	70.763	ng	100
78) Pyrene	12.76	202	1651265	35.870	ng	97
80) Butylbenzylphthalate	13.37	149	799836	36.187	ng	95
81) Benzo(a)anthracene	13.94	228	1247212	37.371	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	502629	39.822	ng	97
83) Chrysene	13.98	228	1285520	37.754	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1016169	37.607	ng	100
85) Di-n-octyl phthalate	14.55	149	1712235	38.592	ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	817718	30.705	ng	95
88) Benzo(b)fluoranthene	14.97	252	1094899	42.021	ng	100
89) Benzo(k)fluoranthene	15.00	252	965859	37.137	ng	100
90) Benzo(a)pyrene	15.33	252	928483	38.271	ng	97
91) Dibenzo(a,h)anthracene	16.82	278	687360	34.054	ng	98
92) Benzo(g,h,i)perylene	17.23	276	660323	32.721	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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